

EQUIPMENT SCHEDULE:

- (A)

Utility Panel UP-242  
100 A, 208/120 V, 3-Phase, 4-Wire
- (B)

Lighting Panel LP-262  
100 A, 208/120 V, 3-Phase, 4-Wire
- (C)

Controller Cabinet #TOS-20EA
- (D)

Remote Terminal Unit RTU#15E
- (E)

Telephone Terminal Box #TEL-20E
- (F)

Scada Communication Terminal Box #COM-20E
- (G)

Fiber Optic Splice Closure #FSC-20E



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
04	SF, Alameda	80	12.2/14.3	0.0/4.0	407a	1204

Syn Yee Chin

03/08/10

REGISTERED ELECTRICAL ENGINEER

DATE

05-06-2010

PLANS APPROVAL DATE

PB AMERICAS, Inc.

A Parsons Brinckerhoff Company

303 Second St., Suite 700N

San Francisco, CA 94107-1317

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Caltrans now has a web site. To get to the web site, go to <http://www.dot.ca.gov>

REGISTERED PROFESSIONAL ENGINEER

SYN YEE CHIN

No. 18186

Exp. 09/30/2011

ELECTRICAL

STATE OF CALIFORNIA

NOTES:

- This plan sheet is a record drawing from Skyway Structures contract. The Contractor shall verify the existing installation. See sheet EE-292 from Skyway Structures, contract No. 04-012024.
- The installed components shall not be limited to the ones listed below, but shall be a complete installation. For details, see Bridge Structures Girder Eastbound, typical Details sheets.
  - Terminate already installed 50 pair telephone cable in Telephone Terminal Box. See sheets E-961, E-963 and E-965.
  - Furnish and install the 15kV cables into existing cable tray shown on this drawing. See sheet E-837.
  - Furnish and install the TOS fiber optic cables into existing cable tray and conduits shown on this drawing. Pull a 72 fiber in the main tray and terminate in the splice closure. See sheet E-983.
  - Inspect for system ground continuity. See sheets E-839 and E-840.
  - Remote Terminal Unit #15E. See sheets E-902, E-931, E-938, and E-939.
- All cable trays, conduits and equipment shown on this drawing are existing. Bold ones are to be used for pulling cable.

SHEET NOTES:

- Furnish and install splice cable tray as shown on sheet E-836, plan detail 2.
- Mount splice cable tray between diaphragms, and secure properly. See sheet E-836, section detail 4.
- Contractor shall locate the splice cable tray at Station 80+36 as shown on E-814.
- Furnish and install 12 fiber optic cables from Fiber Optic Splice Closure to Controller Cabinet. Route via pull box PB-2B. Coil 3m of cable inside Controller Cabinet for connections by others. The coiled end of the fiber optic cables shall be terminated with mated connector. See sheets E-972 and E-973.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE						
03/08/10	MEP INTEGRATION	SYN	FW	110		
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#	
REVISIONS						

CONTRACT CHANGE ORDER NO. \_\_\_\_\_  
SHEET \_\_\_\_\_ OF \_\_\_\_\_

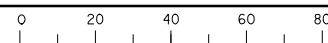
DETAILS  
BRIDGE STRUCTURES GIRDER EASTBOUND  
SKYWAY STRUCTURES-SERVICE PLATFORM #20E  
SCALE AS NOTED

E-833

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

SCALE: 1:40

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

DGN FILE =>04-0120f1\_E-833.dgn  
USERNAME =>iloric

CU 04251

EA 0120F1

DATE PLOTTED => 06-MAY-2010  
TIME PLOTTED => 18:26  
LAST REVISION 00-00-00